

Title (en)

Shielding gas mixture and process for arc welding of stainless steel workpieces

Title (de)

Schutzgasgemisch und Verfahren zum Lichtbogenschweißen von Werkstücken aus rostfreiem Stahl

Title (fr)

Mélange gazeux de protection et procédé de soudage à l'arc de pièces en acier inoxydable

Publication

**EP 0734810 B2 20040303 (FR)**

Application

**EP 96400571 A 19960319**

Priority

FR 9503714 A 19950329

Abstract (en)

[origin: EP0734810A1] A shielding gas mixt. for manual or automatic arc welding of stainless steel, comprising 3-18 (5-15) (8-10)% He, 1-3 (1.5-2.5) (1.5-2)% N<sub>2</sub> and a balance of Argon.

IPC 1-7

**B23K 35/38**

IPC 8 full level

**B23K 9/16** (2006.01); **B23K 9/167** (2006.01); **B23K 9/23** (2006.01); **B23K 35/38** (2006.01)

CPC (source: EP US)

**B23K 35/383** (2013.01 - EP US); **B23K 9/16** (2013.01 - EP US); **B23K 2103/05** (2018.07 - EP US)

Cited by

EP1055481A1; NL1014512C2; WO0164386A1

Designated contracting state (EPC)

DE DK SE

DOCDB simple family (publication)

**EP 0734810 A1 19961002**; **EP 0734810 B1 19990728**; **EP 0734810 B2 20040303**; DE 69603393 D1 19990902; DE 69603393 T2 20000217; DE 69603393 T3 20041028; DK 0734810 T3 20000103; DK 0734810 T4 20040628; FR 2732252 A1 19961004; FR 2732252 B1 19970523; JP 3902652 B2 20070411; JP H10501468 A 19980210; US 5739503 A 19980414; WO 9630158 A1 19961003

DOCDB simple family (application)

**EP 96400571 A 19960319**; DE 69603393 T 19960319; DK 96400571 T 19960319; FR 9503714 A 19950329; FR 9600411 W 19960319; JP 52898696 A 19960319; US 73767996 A 19961122